

### **REMARKS**

This RCE Amendment is in response to an interview on December 23, 2004, in response to the Final Office action (Paper No. 7) mailed on August 9, 2004, and in response to the December 9, 2004 Advisory Action. Upon entry of this amendment, claims 16-27 will be pending. Applicant has amended claim 16 by this amendment and has newly added claims 20-27 by this amendment.

In Paper No. 7, the Examiner objected to claim 16 because of one instance where the mobile station is referred to Mss instead of Mss. Applicant has amended this claim by this amendment to replace this occurrence of "Mss" with --Mss-- to overcome this objection.

#### **I. Claim 19**

In Paper No. 7, the Examiner has finally rejected claim 19 under 35 U.S.C. 102 as being anticipated by USP 5,890,064 to Widergen. Applicant has the following comments.

Regarding Applicant's claim 19, Applicant claims "a public/private **common** cell area". In Paper No. 7, the Examiner states that reference numeral 142 of Widergen '064 is a public/private common cell area. Applicant disagrees. Applicant submits that

reference numeral 142 of Widergen '064 is only a private cell area, not a public/private common cell area. Applicant submits that reference numeral 140 of Widergen '064 is a public cell area and not a public / private common cell area. FIG. 1 illustrates the public cell area 140 as being spacially separate from and not overlapping and not in common with private cell area 142. Furthermore, Applicant has reviewed the entire reference to Widergen '064 including the cited sections of col 3, line 61 through col 4, line 19 and col 4, line 27 through col 4, line 33 and cannot find any evidence of a teaching that the public and the private areas are in common with each other. Widergen '064 requires roaming to go from one to the other, while Applicant's claimed invention does not require roaming. Because Widergen '064 does not teach a common cell area that is common to both public and private cells, the rejection to Applicant's claim 19 must be withdrawn.

## **II. Claims 16, 17 and 18**

In Paper No. 7, the Examiner also rejected claims 16 through 18 under 35 U.S.C. 103 (a) as being unpatentable over Widergen '064 in view of USP 5,537,610 to Mauger. Applicant traverses these rejections for the following reasons:

### **A. No common cell area**

As with claim 19, Applicant claims a public / private common cell area. Applicant submits that neither Widergen '064 nor Mauger '610 teaches such a common cell area.

**B. No transparent transmission of a call from a mobile station to a public network**

In each of claims 16 through 18, Applicant claims that calls from a mobile station in the common cell area can be transmitted to a public mobile network **transparently**. In Paper No. 7, the Examiner relies on Widergen '064 for a teaching of this transparent transmission feature. Applicant disagrees. Applicant submits that neither Widergen '064 nor Mauger '610 teaches such transparent handling of the calls. In the Widergen '064, calls from CMTs in private cell 142 to a PMT in PLMN 102 (see case 5 for example) are routed through each of a WO Gateway, a PTN, a PSTN a GMSC and a MSC (col. 9, line 39 through col. 10, line 1). Essentially every call from a mobile station in Widergen '064 must go through each of 1) a WO Gateway, 2) a PTN, 3) a PSTN, 4) a GMSC and 5) a MSC. Because all calls from a mobile stations, including calls from private to public mobile network must go through the WO Gateway, PTN, PSTN, GMSC and MSC, Applicant submits that the call handling in Widergen '064 is not transparent.

It is to be appreciate that Applicant's invention is advantageous over the applied prior art by providing a direct connection and interworking between a private mobile and a public mobile network. Applicant submits that this direct connection or interworking is lacking in the applied prior art as such calls from private cell to public cell must go through many networks before being connected.

### **III. Newly added claims**

Applicant has newly added claims 20 through 27 by this amendment. These claims claim features not found in the applied prior art of Widergen '064 or Mauger '610. In particular, these claims claim that calls from a MS in the common cell to a public mobile network are connected to the public mobile network directly, claims from the MS in the common cell area to a phone in the private cell network are not routed through either landline networks or public telephone network and that a public/private common cell area means that public and private mobile services are provided simultaneously to an MS within the cell with out requiring the MS to roam to a new location to get another type of mobile service. Entry of and favorable examination of these claims is respectfully requested.

### **IV. Interview**

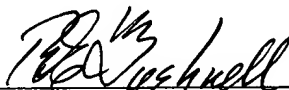
At the Interview on December 23, 2004, Applicant tried to explain that the applied prior art did not teach 1) a public/private common cell area and 2) that calls are handled transparently. The Examiner insisted that Widergen taught these features and indicated that if these terms were described and defined more in the claims, reconsideration would be given. Thus, Applicant is newly adding depending claims 20 through 27 by this amendment to define these terms in the claims.

A fee of \$450.00 is incurred by filing of a petition for a two month extension of

time, set to expire on January 10, 2005. Applicant's check drawn to the order of Commissioner accompanies this Amendment. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

In view of the above, it is submitted that the claims of this application are in condition for allowance, and early issuance thereof is solicited. Should any questions remain unresolved, the Examiner is requested to telephone Applicant's attorney.

Respectfully submitted,



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